OIL INDIA LIMITED
(A Government of India Enterprise)
P.O. Duliajan - 786602, Assam, India
FAX: 91-0374-2800533; E-mail : material@oilindia.in

OIL INDIA LIMITED invites Indigenous Competitive Bid (e-tenders) through its e-Procurement portal - *https://etender.srm.oilindia.in/sap/bc/gui/sap/its/bbpstart/!* **for following e-tender :**

E-Tender No.	B.C Date	Material Description & Quantity
SDI 9738P14/P4 Dtd: 03.05.2013 (SINGLE STAGE TWO BID SYSTEM)	**11.07.2013**	**BLADE SERVERS**

Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 (Excepting PSUs and SSI units registered with NSIC) in favour of M/s Oil India Limited and payable at Duliajan is to be sent to Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602. Application shall be accepted upto 20.06.13 (or as amended in e-portal). The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO …" for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site www.oil-india.com.

Note :

PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

OIL INDIA LIMITED
(A Government of India Enterprises)
PO : Duliajan – 786602
Assam (India)

TELEPHONE NO. (91-374) 2808719
FAX NO: (91-374) 2800533
Email: tuhin_roy@oilindia.in ; erp_mm@oilindia.in

FORWARDING LETTER

Tender No.   : SDI9738P14 dated 03.05.13

Tender Fee   : Rs 1,000.00

Bid Security Amount   : Rs 2,29,000.00

Bidding Type   : SINGLE STAGE TWO BID SYSTEM

Bid Closing on   : As mentioned in the e-portal

Bid Opening on   : -do-

Performance Security : Applicable

Integrity Pact   : Applicable

Date of pre-bid conference : 27.06.13 & 28.06.13

Venue of pre-bid conference : Hotel Nakshatra, Beltola, Opp. Sankardev Netralaya,
                    Guwahati – 781028, Assam, India

OIL invites Bids for **Blade Servers & Virtualization** through its e-Procurement site under **SINGLE STAGE TWO BID SYSTEM**. The bidding documents and other terms and conditions are available at Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents

The general details of tender can be viewed by opening the RFx [Tender] under RFx and Auctions.. The details of items tendered can be found in the Item Data and details uploaded under Technical RFX.

NOTES:

(1) A Pre-Bid Conference with the Parties will be held in Guwahati (India) on 27.06.13 & 28.06.13 to discuss on the technical specifications and other terms and conditions of the tender. All the Parties who purchase the Tender Document within the Last date of Tender Fee Payment i.e. 20.06.13 (or amended otherwise) will be eligible to attend the Pre-Bid Conference. The exact venue and time of the Pre-Bid conference will be intimated to the Parties at a later date.

(2) Clarification on the technical specifications and other terms & conditions of the tender shall be provided to the parties during the Pre-bid Conference. Parties should come fully prepared to the Pre-bid Conference and submit their queries to OIL in the Pre-bid Conference for clarification. The set of queries may also be sent to OIL at least 7 (seven)

days before the Pre-bid Conference for study by OIL. At the most 2 (Two) representatives from each party shall be allowed to participate in the pre-bid conference. All costs for attending the pre-bid conference shall be to the bidder's account.

(3) Any changes in the technical specifications and other terms & conditions of the tender arising out of discussion in the Pre-bid Conference shall also form part of the tender document.

(4) Parties, immediately after the purchase of the Tender documents, shall inform OIL at the following address about their participation in the Pre-Bid Conference with details of the persons to enable OIL to make arrangement for the Pre-Bid Conference.

HEAD – MATERIALS
OIL INDIA LIMITED
P.O DULIAJAN, PIN – 786 602
DIST. DIBRUGARH (ASSAM) INDIA
FAX NO. : +91 - 374 – 2800533
E-Mail : tuhin_roy@oilindia.in

The tender will be governed by:

a)   "General Terms & Conditions" for e-Procurement as per Booklet No. MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders and Amendment No. 1 to General Terms and Conditions for Indigenous E-Tender.

b)   Technical specifications and Quantity as per **Annexure – 1A**.

c)   The prescribed Bid Forms for submission of bids are available in the Technical RFx -> External Area - > Tender Documents.

d)   In the event of receipt of only a single offer against the tender within B.C. date, OIL reserves the right to extend the B.C. date as deemed fit by the Company. During the extended period, the bidders who have already submitted the bids on or before the original B.C. date, shall not be permitted to revise their quotation.

e)   Any sum of money due and payable to the contractor (including Security Deposit refundable to them) under this or any other contract may be appropriated by Oil India Limited and set-off against any claim of Oil India Limited (or such other person or persons contracting through Oil India Limited) for payment of sum of money arising out of this contract or under any other contract made by the contractor with Oil India Limited (or such other person or persons contracting through Oil India Limited).

f)   Bidder are advised to fill up the Technical bid check list (**Annexure EEE**) and Response sheet (**Annexure FFF**) given in MS excel format in Technical RFx -> External Area - > Tender Documents. The above filled up document to be uploaded in the Technical RFX Response.
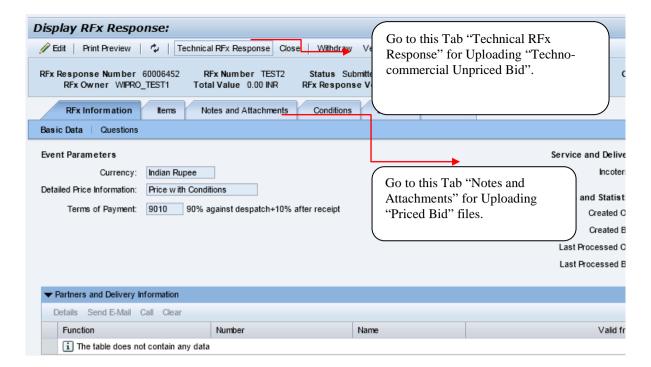
Special Note:

1.0 General Qualification Criteria:

In addition to the general BRC/BEC, following criteria on Bidders' Experience and their financial capabilities shall be considered (**documentary evidence to be provided along with the bid in** Technical RFx -> External Area - > Tender Documents**)** as on the Bid Closing Date:
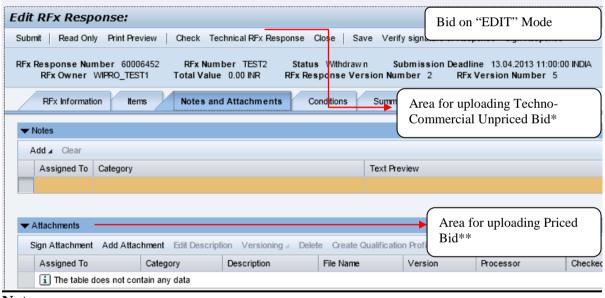
a) Bidder should have experience of successfully executing similar order of Rs **68.41 Lakhs** during last 3 years.

b) Annual financial turnover of the firm in any of the last 3 financial years or current financial year should not be less than **Rs 228.06 Lakhs.**

2.0 Application showing full address/email address with Tender Fee (Non-refundable) of Rs. 1,000.00 in favour of M/s Oil India Limited and payable at Duliajan is to be sent to <u>Head-Materials, Oil India Limited, P.O. Duliajan, Assam-786602.</u> Application shall be accepted only upto <u>20.06.13 (or as amended in e-portal)</u>. The envelope containing the application for participation should clearly indicate "REQUEST FOR ISSUE OF USER ID AND PASSWORD FOR E TENDER NO …" for easy identification and timely issue of user ID and password. On receipt of requisite tender fee, USER_ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e- Procurement portal. No physical tender documents will be provided. Details of NIT can be viewed using "Guest Login" provided in the e-Procurement portal. The link to e-Procurement portal has been also provided through OIL's web site www.oil-india.com.

NOTE: PSUs and SSI units are provided tender documents Free of Cost (as per govt guidelines), however they have to apply to OIL's designated office to issue the tender documents before the last date of sale of tender document mentioned in the tender.

3.0 The tender is invited under SINGLE STAGE-TWO BID SYSTEM. The bidders are required to submit both the "TECHNO-COMMERCIAL UNPRICED BID" and "PRICED BID" through electronic format in the OIL's e-Tender portal within the Bid Closing Date and Time stipulated in the e-Tender.

3.1 Please ensure that Technical Bid / all technical related documents related to the tender are uploaded in the Technical RFx Response-> User - > Technical Bid only**. The "TECHNO-COMMERCIAL UNPRICED BID" shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in** Technical RFx Response**.**

3.2 The "**PRICE BID**" must contain the price schedule and the bidder's commercial terms and conditions. **The prices of the items should be quoted in "Conditions Tab". Details of prices as per Bid format / Commercial bid can be uploaded as Attachment under the attachment option under "Notes & Attachments".**

3.3 A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected as per Bid Rejection Criteria mentioned in Annexure-CCC.

Go to this Tab "Technical RFx Response" for Uploading "Techno-commercial Unpriced Bid".

Go to this Tab "Notes and Attachments" for Uploading "Priced Bid" files.

On "EDIT" Mode- The following screen will appear. Bidders are advised to Upload "Techno-Commercial Unpriced Bid" and "Priced Bid" in the places as indicated above:

Bid on "EDIT" Mode

Area for uploading Techno-Commercial Unpriced Bid*

Area for uploading Priced Bid**

Note :

* The "Techno-Commercial Unpriced Bid" shall contain all techno-commercial details **except the prices**.

** The "Price bid" must contain the price schedule and the bidder's commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on Sign to sign the Sign. On Signing a new file with extension .SSIG will be created. Close that window. Next click on Add Atachment, a browser window will open, select the .SSIG signed file from the PC and name the file under Description, Assigned to General Data and clock on OK to save the File.

4.0 Please note that all tender forms and supporting documents are to be submitted through OIL's e-Procurement site only except following documents which are to be submitted manually in sealed envelope super scribed with **Tender no.** and **Due date** to **Head**

Materials, Materials Department, Oil India Limited, Duliajan - 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender.

- a) **Original Bid Security**
- b) **Detailed Catalogue (if any)**
- c) **Any other document required to be submitted in original as per tender requirement**

All documents submitted in physical form should be signed on all pages by the authorised signatory of the bidder and to be submitted in triplicate.

5.0 Bidders are requested to examine all instructions, forms, terms and specifications in the bid. Failure to furnish all information required as per the NIT or submission of offers not substantially responsive to the bid in every respect will be at the bidders risk and may result in rejection of its offer without seeking any clarifications.

6.0 **All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name** *(e-commerce application)* **as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3 with Organisation's Name" digital certificate, will be rejected.**

7.0 Bidders must ensure that their bid is uploaded in the system before the tender closing date and time. Also, they must ensure that above documents which are to be submitted in a sealed envelope are also submitted at the above mentioned address before the bid closing date and time failing which the offer shall be rejected.

8.0 Bid must be submitted electronically only through OIL's e-procurement portal. Bid submitted in any other form will be rejected.

9.0 **SINGLE STAGE TWO BID SYSTEM** shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.

10.0   a) **The Integrity Pact is applicable against this tender. OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure-DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.**

b) **The name of the OIL's Independent External Monitors at present are as under:**

    i)   **SHRI N. GOPLASWAMI, I.A.S. (Retd.),**
          Former Chief Election Commissioner of India
          E-mail Id : gopalaswamin@gmail.com

    ii)   **SHRI RAMESH CHANDRA AGARWAL, IPS (Retd.)**
          Former Director General of Police
          E-mail Id : rcagarwal@rediffmail.com

11.0 The tender shall be governed by the Bid Rejection & Bid Rejection Criteria given in enclosed **Annexure-CCC**. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (as per **Annexure-CCC**) contradict the Clauses of the tender and / or "General Terms & Conditions" as per Booklet No. MM/LOCAL/E-01/2005 for E-procurement (LCB Tenders) elsewhere, those in the BEC / BRC shall prevail.

12.0 To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

13.0 Please do refer the User Manual provided on the portal on the procedure How to create Response for submitting offer.

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions.

<div align="center">

Yours Faithfully

Sd-
(T. ROY)
SENIOR PURCHASE OFFICER (IS)
FOR : HEAD-MATERIALS

</div>

Tender No & Date: SDI9738P14 dated 03.05.13

	Complied / Not Complied. (Remarks if any)

1.0 SCOPE OF WORK -
 	
 I. Oil India Limited intends to procure the following hardware/software and services as below :
 	
     1.Blade Chassis (Quantity – 1 Nos)
     2.Database Servers Unix Blade (Quantity-3 Nos)
     3.2-Way Blade Server (Quantity-4 Nos).
     4.NAS Servers (Quantity-1 Nos)
     5.SAN Switch (Quantity-2 Nos)
     6.Storage Devices (Quantity -1 Nos)
     7. Server Virtualization Software (Qty - 1 Nos.)
     8. Server Management Software (Qty - 1 Nos.)
     9. 42U Floor Standing Server Rack (Qty – 1Nos.)
     10. Migration, Integration, Installation & Commissioning. (Qty – 1 AU)
     11. Comprehensive Warranty for 3 years (Qty – 1 AU)
     12. Annual Maintenance Contract for 2 years (Qty – 1 AU)
 	
 II. All the above to be supplied, installed, tested & commissioned by single vendor.
 	
 III. The 2-Way Blade Servers need to be virtualized into 8 windows servers: 4 webservers (Latest IIS version) and 2 application servers(Oracle 11G) & 2 general purpose servers.
 	
 IV. Two of the Unix database servers need to be installed in an active-passive cluster, the other needs to be installed as a normal database server.
 	
 V. The data migration to be done from the current systems to the new systems followed by testing.
 	
 VI. Integration of the above servers with existing backup solution (HP Data protector).
 	
 VII. 3 year comprehensive warranty as per the warranty terms.
 	
 VIII. 2 years AMC as per AMC terms.
 	
 1.1 EXISTING SETUP -
 	
 I. There are two UNIX database servers (IBM Power series, Oracle 11G).
 	
 II. 4 webservers and 2 application servers are there (OS: Windows 2003).
 	
 III. The webservers contain a few portals and web applications. The Application servers are running Developer 2000 Forms6i & Forms 10G and Reports6i, Reports 10G, Reports 11G.	

1.2 GENERAL REQUIREMENTS -

I.   The specifications indicated in the Tender are minimum and the Bidder is required to comply and quote for all equipment and services mentioned in the Tender.

II.   Bidder should be responsible for the overall integration of the Servers, Storage and the integration with existing Backup solution at OIL Duliajan.

III.   The scope of work will not be limited only to supply, installation, commissioning, testing and integration of servers, storage infrastructure, along with associated software, peripherals and accessories. The bidder also needs to perform a complete system study and plan for a seamless migration to the proposed hardware.

IV.   The production and development database servers to be migrated to UNIX systems. The production database server should be configured for high availability in active-passive mode.

V.   The application and web servers to be migrated to virtual environment and all the virtual servers should be configured in high availability mode.

VI.   There should be 4 numbers of Web Server instance and 2 numbers of application server instance configured in virtual environment and 2 Nos. of general purpose servers.

VII.   The central storage should be connected to all servers through redundant paths as per requirement and proposed solution.

VIII.   The bidder should also configure a NAS server to be accessed by end users (Approx. 2000).

IX.   Backup should be configured for the entire landscape with the existing backup solution.

X.   The bidder is required to provide training to three(3) OIL engineers on i) blade technology, ii) Virtualization & virtualization management Software iii) storage, with reference to the provided solution at the OEM facility for a minimum period of 1 week.

XI.   Acceptance testing as per criteria defined during project kick-off will be prime responsibility of the bidder for successful completion of the project.

XII.   The installation, commissioning, virtualization, data migration needs to be carried out by OEM authorized experienced engineer only.

XIII.   There must be comprehensive 3 years warranty. During which an OEM authorized experienced engineer needs to be deputed onsite. The personnel should be able to maintain the entire setup.

XIV.   Critical spares must be kept onsite for any eventuality. The list of the spares to be kept must be provided with the bid.

XV. Any other items required for implementation of the solution will be provided by the bidder.

XVI.   All the necessary softwares & drivers for the entire solution should be provided on original CD/DVD media.

2.0 TIME SCHEDULE -

The jobs mentioned in the scope of work needs to be completed within 3 months from the date of placement of the PO.

3.0 TECHNICAL SPECIFICATIONS WITH QUANTITY -

Item No 1. High Performance Blade Chassis , (Qty = 1 No):

1)Midplane: High-Availability Dual Path Midplane or Passive Midplane for providing two-way communication paths for Ethernet, Fiber Channel, KVM Switches, Power Supply and Management Signals and should support four 10GB High-Speed Ethernet Switches or dual Infinite band.

2)Blade Bays :Blade Chassis to accommodate minimum of 8 Full Height Hot Pluggable Blade Servers

3)1GB Ethernet Switch Modules :   Chassis should be configured with dual Redundant hot Swappable Ethernet Pass-through Modules with minimum of 14 uplink ports and 14 downlink ports connecting
to each Blade server inside the chassis.

4)10GB Ethernet Switch Modules :Chassis should be configured with dual Redundant hot swap 10GB Ethernet switch module with minimum of 14 Internal ports to connect to every blade server and minimum of 8 or more 10GB uplink ports. The 10GB switch should have L2/3 capabilities.

5)Fibre Channel Switch Module :   Chassis should be configured with dual Redundant Hot-Swap 8GB Intelligent Pass-through Fibre Channel Switch Modules and should provide no single point of
failure. FC switch should have minimum of 6 x 8GBPS External uplink Ports.

6)Management Modules : Chassis should be configured with dual Redundant Hot-Swap Management Modules to provide IP KVM functionality. Management should be software independent.

7)Total No. of Switch bays :Chassis should have minimum 8 I/O bays.

8)Blower Modules :Chassis should be configured with Hot Swap & Redundant variable speed rear access blowers/ fan Modules.

9)Power Modules   : Dual Power Supply to cater power for the blade servers (redundant). No single point of failure for Power Delivery. Chassis should have dual power connectors on each blade server for power input and no single fault should take down the entire power bus.

10)Redundancy in Power Modules : Chassis should have fans on the power supplies and should be able to provide reconfiguration of fans and power supplies without manual intervention.

11)Power Management : Chassis should have an integrated tool that can provide a view of the actual power used (as opposed to benchmarked power consumption) and can effectively

allocate,
match and cap power and thermal limits in the data centre at the system, chassis and rack.

12) CD/Diskette/USB :Chassis should be configured with Internal/external CD-ROM/DVD-ROM Drive which can be shared among all the blade servers. The chassis should have minimum Two USB 2.0 ports.

13) Failure Alerting Mechanism :The chassis should be able to alert impending failures on maximum number of components like Blades, bridge/switch modules, I/O modules, management modules, power modules, blower modules, media tray .

14) System Management :Should provide support for remote console management, power on/off blades, should monitor power status, operating system, temperature, disks, blowers, power Modules, system diagnostic programs provided through the Management Software .

15) System Panel: Chassis should have LED/LCD panel to provide power-on, location, over temperature, information and system error conditions.

16) Support for RISC/EPIC Servers :The chassis should be able to support Blade Servers with x86 and RISC/EPIC
architecture processors.

17) Others : Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided

Item No 2. UNIX Servers (Two main servers and one Additional Server), (Qty = 3 Nos)

1)Server :RISC/EPIC Based 64 Bit Processor architecture blade Server .

2)CPU Speed : 3GHz or higher. Vendor should offer the highest clock speed and cache supported on the offered model with latest supported server chipset at the time of bidding and offered Servers should have Hardware Service Processor Support and Diagnostics.

3)System Performance :The populated Server should offer 500000 TPMC ratings and TPMCs claimed by each vendor must be derived from published benchmark for the system offered. If the benchmark for the system is not available on the website then the TPMC claimed should be in line with the published benchmark for a more high-end system than the offered server.

4) Total Cache :At least 16MB per Chip.

5) Memory : 64 GB DDR3 upgradeable to 256 GB DDR3.

6) Disk storage : 2 no#s of 300 GB Serial Attached SAS 10K rpm in RAID-1 configuration.

7) LAN Connectivity :Atleast 2 nos. of Auto sensing 10/100/1000 Ethernet ports upgradable to 4 such ports

8) SAN Connectivity : Atleast 2 nos. of 4 Gbps Fibre Channel ports upgradable to 4 such ports.

9) Systems management: Integrated systems management processor, Led Guided diagnostics, Predictive Failure Analysis,

Serial Over LAN,IPMI-compliant.

11) Operating systems :Latest version of UNIX Operating System should be provided.

Features should be as follows:-
a)Logical Volume Management,
b)Workload Management Software should be offered,
c)Should be capable of running the latest Oracle database version & the next release of Oracle version.
d)The offered server should be capable of running Oracle database version,10G 11g & above,
e)The Unix Operating Systems should be licensed to support unlimited users.

12) Installation Requirement :2 of the Database server should be installed as high availability active-passive cluster at
the Operating system level; While third one will be installed as a normal database server.

13) Optional connectivity : 10 Gigabit Ethernet, 4X Infinite Band, iSCSI Expansion Card, Support for 4 and 8 Gbps Fibre Channel connectivity.

14) Others: Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided.

Item No 3.   2-Way Blade Server (Qty = 4 Nos)

1)CPU :   2x Intel Xeon Hexa Core CPU @ 2.0 GHz or higher or equivalent.

2) Cache L3 : A minimum 12MB of L3 Cache

3) Chipset : Compatible Intel or OEM Chipset

4) Memory : 64GB DDR-3 ECC Memory Upgradeable to 128 GB

5) Memory protection: ECC, Chip kill, Memory Mirroring, Memory Sparing

6) SCSI Controllers :Integrated Hardware Raid Controller to supports Hardware Raid 0,1

7) Disk Drives :   2 x 600GB 6Gbps 10K SAS Hard Disk Drive

8) Graphics Controller :   64MB SDRAM

9) Ethernet Adapter :1 X Dual-port with TCP/IP Offload Engine (TOE), Wake on LAN,Serial over LAN , PXE 2 and 1 X Dual-Port
10 Gb Ethernet Adapter

10) Fiber Channel HBA Connectivity : 2 x Dual Port 8Gbps Fibre Channel Expansion Card.

11) I/O Expansions : 2 x8 PCIe expansion slots.

12) Power Supply : From the Blade Chassis via Dual Redundant Power Connectors

13) Failure Alerting Mechanism : The server should be able to alert impending failures on

maximum number of components. The components covered under alerting mechanism should at least include Processor, memory, HDDs and expansion cards.

14) Systems management capabilities :

Server should support system management capabilities like

i) SSL and LDAP Support
ii) Serial Over LAN
iii) IPMI over LAN
iv) Windows #blue screen# capture
v) Should support remote CD and Virtual floppy
vi) Automatic Service Restart
vii) High-speed remote redirection of PCI video, keyboard and mouse
viii) NMI/SMI detection and generation
ix) Highly secure remote power on/off
x) System reset control

15)Server Management Software : A server management software needs to be provided and it should be capable of managing & monitoring all management capalibities from console as well as remotely.

16) OS : Latest version of Microsoft windows (server version).

17) Virtualization :
i) Should be vitualized into 8 virtual servers using standard licenced virtualization software.
ii) Should offer support Virtual LAN, POWER Hypervisor, Micro-Partitioning, Virtual I/O Server with Integrated Virtualization Manager, Shared Dedicated Capacity.

18) Ports : A minimum of 8 Auto sensing 10/100/1000 Ethernet ports & a minimum of 2 FC ports of 4 Gbps.

19) Others: Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided.

Item No 4. NAS Servers (Qty = 1 No.)

i)Rack mount: Rack mounted Servers .

ii)Processor : The requirement is for NAS with Dual processor

iii)RAM : 128GB RAM or higher, scalable to 512GB RAM

iv)Hard Drives : Should be supplied with minimum of 4TB usable capacities after RAID 5 using SAS/SATA drives. OS drives of the NAS solution shall be configured in Raid 1,0 .

v)Storage Scalability : NAS Storage subsystem should be scalable to 10TB or more in capacity for data through SATA drives in
Raid5.

vi)Software & Drivers : All the necessary softwares & drivers should be provided on original

CD/DVD media.

vii)Network Connectivity : 4x 1Gbps and NIC Ports per Node.

viii)Network support : TCP/IP, ISCSI, FTP, CIFS, HTTP, NFS, Web Dev etc.

ix)Fault Tolerance : Should support Windows 7/ Windows 2008 or latest version, UNIX & Linux.

x)Manageability : Advanced web interface with following
a)   Software with web interface for network management
b)   Remote management through Remote desktop as well as through HTTP.

xi)Data replication : Software for NAS to NAS optimised data replication.

xii)Operating System : Microsoft Storage Server - 64 bit edition (NAS optimized) including powered OS drivers or equivalent.

xiii) File screening and quota management : Offered NAS should have support for file screening and Quota management. Software for same should be provided.

xiv)Snapshots :Point in time copies of your data to guard against data corruption.

xv)File Server resource Management : Should include File server resource management component for both on-demand and scheduled reports for detailed storage use.

xvi)Power Supply and FAN : Offered NAS shall have dual redundant power supply and load sharing FAN.

Item No 5. SAN Switch (Qty = 2 Nos)

1) Ports:
 a) Should have 24 Port
 b) Minimum 8 active ports at 8 Gbps (or higher)

2) Cables : Fiber cables and accessories for connecting minimum 8 Nos of Blade Servers with redundant connectivity of the servers to the SAN storage.

3) Operating System supported :Support for multiple OS (Microsoft Windows, Linux, UNIX etc.)

4) Others: Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided.

5) Management Software / System Diagnostics :
i) Web based management software for administration and configuration .
ii) Built-in diagnostics, power on self test, command level diagnostics.

6) Others: Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided.

Item No. 6 Storage Device (Qty = 1 No)

1) RAID Controller :
i)   Dual redundant RAID controllers with multi-pathing & load-balancing
ii)   3 GB total usable read / write DRAM cache per controller pair for data. Cache should be mirrored across two controllers.
iii)   In case of extended power failure, cache data should be protected for at least 15 days.

2) Host interface :   Aggregate 32 Gbps host side bandwidth with 4/8Gbps host side ports

3) Drive interface: Minimum 4 FC drive ports

4) RAID   :   Must support RAID 5 or above.

5) Storage Disk Capacity: System should be configured with 20 TB usable net space after RAID5 or above.

6) Supported drives: Should support
i) 300GB or above with minimum 15K RPM Fibre Channel hard disk
ii) 1TB / 2TB HDD.
iii) A minimum of 300 GB SAS or equivalent drives in the same enclosures.

7) Storage partitions:
i) Should support minimum 8 partitions and scalable upto 128 partitions
ii) 112 Fibre Channel, SED, SAS, SAS-NL, SSD or SATA drives (using Expansion Units).

8) Maximum Disk support: Should be scalable to support 25000 disk IOPS (publicly available reference should be included)

9) Storage Features :
i)Optional pointer-based copy & full clone copy the total supported storage capacity.
ii) Should provide automatic rerouting of I/O traffic between the storage system & hosts in case of primary path failure .
iii) Should provision for LUN masking, LUN mapping and SAN security.
iv) Should support online logical drive expansion & capacity expansion
v) Should support non-disruptive online firmware upgrade for Controllers & disk enclosures
vi) Should include proactive diagnostics, performance monitoring & remote management
vii) Support for Operating System Platforms & Clustering including: Windows, Sun Solaris, UNIX,LINUX etc.

10) Storage Management Software : Should provide GUI based storage management software to configure and manage the storage space,
RAID configuration, logical drives allocation for the total supported storage capacity.

11) Others: Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided

Item No 7. Server Virtualization Software (Qty = 1 No) :

A standard and licenced virtualization software needs to be provided with the following features:

1. It shall provide a Virtualization layer that sits directly on the bare metal server hardware with no dependence on the OS for greater reliability and security.

2. It should be able to boot from iSCSI, FCoE, and Fibre Channel SAN etc.

3. It should have the capability to create Virtual servers with 12 processors or more for all the operating system supported by the hypervisor.

4. It should be integrate with NAS, FC, FCoE, iSCSI SAN and standard infrastructure from all vendors , Leverage high performance shared storage to centralize virtual machine file storage for greater manageability, flexibility and availability.

5. It should allow heterogeneous support for Operating systems like Windows client, Windows Server, Linux, Solaris x86 and Novell Netware.

6. It should have provision for profile-driven storage, which will enable rapid and intelligent deployment & placement of virtual machines based on SLA, availability, performance or other requirements and provided storage capabilities.

7. It should have the ability to migrate files from one storage array to another without any downtime. Support migration from one storage protocol to another (eg. FC, iSCSI, NFS, DAS).

8. It should be able to dynamically allocate and balance computing capacity across hardware resources .

9. It should provide dynamic power management & comply the Industry Standard Advanced Configuration and Power Interface (ACPI) specifications to save power in an automated or manual or scheduled manner.

10. It should have High Availability capabilities for the virtual machines in the sense if in case one server fails all the Virtual machines running on that server shall be able to migrate to another physical server running same virtualization software.The feature should be independent of Operating System Clustering and should work with FC/ iSCSI SAN and NAS shared storage.

11. It should have the provision to provide zero downtime, zero data loss and continuous availability for the applications running in virtual machines in the event of physical host failure, without the cost and complexity of traditional hardware or software clustering solutions.

12. It should have the ability to manage virtual switches at a cluster level by creating a distributed switch that can span an entire cluster . It should support features like NetFlow , Port mirror etc. and protocols like Link Layer Discovery Protocol(LLDP) , Cisco Discovery Protocol (CDP) etc .

13. It must support built-in storage & multi-pathing .

14. It should provide quality-of-service capabilities for storage I/O so as to ensure that the most important virtual machines get adequate I/O resources even in times of congestion. The feature

should be available for FC, iSCSI and NFS storage etc.

15. It should support configurable VLANs which are compatible with standard VLAN implementations from other vendors.

16. It should allow dynamic adjustment of the teaming algorithm so that the load is always balanced across a team of physical network adapters.

17. It should provide network traffic-management controls to allow flexible partitioning of physical NIC bandwidth between different network-traffic types and allow user-defined network resource pools, enabling multi-tenancy deployment, and to bridge virtual and physical infrastructure.

18. It should be able to continuously monitor utilization across virtual machines and should intelligently allocate available resources among virtual machines.

Item No 8. Server Management Software (Qty = 1 No) :

A standard and licenced Virtual Machine Management Software Suite needs to be provided with the following features:

1. It should provide a single view of all virtual machines, allow Monitoring of system availability, performances and automated notifications with email alerts.

2. It should have integrated Physical Host and Virtual Machine performance monitoring including CPU, Memory, Disk, Network, Power, Storage Adapter, Storage Path, Cluster services, Virtual machine, data stores.

3. It should provide reports based on real-time & historical data collection for performance and utilization of Virtual Machines. It should co-exist and integrate with leading system management softwares.

4. It should provide capability to monitor and analyse virtual machines, and server utilization and availability with detailed performance graphs.

5. It should allow to move a powered off virtual machine from one physical server to another by dragging and dropping the virtual machine icon.

6. It should console should allow cloning of both powered on and powered off virtual machines.

Item No 9.   42U Floor-standing OEM Server Rack (Qty = 1 No.).

1. Rack should have the required width & depth to house the above servers, storage etc.
2. Should contain 19# equipment mounting angle, Single perforated front & dual perforated back doors with locks.
3. Top and bottom cover with cable entry, roof mounted minimum 4 fans, Earth continuity kit, modular PDU control units for the whole rack to host 2U servers with dual power supply to each server.
4. Cable manager for a minimum of 60 UTP cables. Should have the provision to connect the

two racks side wise also.

5. Redundant fans and power supplies, necessary power & interface cables etc. needs to be provided.

Item No 10. Installation & Commissioning, Data Migration (Qty = 1 AU).

I. Along with the installation & Commissioning, data migration is to be done from the current systems to the new systems followed by testing.

II. Integration of the servers with existing backup solution (HP Data procetor).

Item No 11. Warranty for 3 years (Qty = 1 AU).

I. The bidder has to quote for 3 (years) Warranty for the entire solution.

II. Three years comprehensive onsite warranty for entire solution shall be provided.

III. The warranty period will start from the next day of the date of successful commissioning of the solution.

IV. Bidder shall have to supply and install all upgrades released for the supplied software /firmware during the warranty period.

V. During the warranty period an OEM authorized experienced engineer needs to be deputed onsite. The personnel should be capable to maintain the entire setup.

VI. Critical spares must be kept onsite for any break-down / malfunctioning of the systems. The list of the spares to be kept must be provided with the bid.

VII. In any case of failure of hardware & software, it should be attended and solved within 48 hrs.

VIII. For delay beyond 48 hrs. the penalty clauses will be levied.

Item No 12. Annual Maintenance Contract (AMC) for 2 years (Qty = 1 AU).

I. The bidder has to quote for 2 (years) comprehensive Annual Maintenance Contract (AMC) for the entire solution.

II. AMC will start immediately after successful completion of warranty period.

III. All services under AMC have to be provided at site.

IV. During the AMC period an OEM authorized experienced engineer needs to be deputed onsite. The personnel should be able to maintain the entire setup. Critical spares must be kept onsite for any break-down / malfunctioning of the systems.

V. The charges for AMC should be quoted on yearly basis and 2 years' AMC charges in total will be considered for commercial evaluation.

VI. Bidder shall have to supply and install all upgrades / firmwares released for the supplied softwares /hardware during the AMC period, at no extra cost to OIL.

VII. In case of failure to rectify any failure of services within 48 hours, penalty will be levied as per penalty clause.

4.0 OTHER TERMS & CONDITIONS -

I. Bidder should provide documentary evidence of supplying similar products & services for the past 3 years .

II. An OEM authorized experienced engineer must be deputed onsite for any eventuality.

III. In any case of failure of hardware & software, it should be attended and solved within 48 hrs.

IV. For delay beyond 48 hrs. the comprehensive warranty/AMC period will be extended on pro-rata basis.

V. All the services (DB, Webservices etc.) should be available 24X7 without any downtime.

VI. There must be a single point of contact for any eventuality. The escalation matrix must be provided with the bid.

VII. The bidder must be an OEM/ Joint venture of OEM, business partner of OEM/ authorized dealer of OEM/ authorized system integrator or implementer of OEM. For bidders other than OEMs, an original letter from the OEM must be submitted, authorizing the bidder to quote against this tender, as per Annexure-I & Annexure-II of this document.

5.0 PAYMENT TERMS -

I. 70% of the material cost will be made on delivery.

II. Rest 30% of the material cost and migration, installation & commissioning cost will be made after successfully implementation & migration of the solution. OIL will issue a commissioning certificate only after completion of all the activities listed under Scope of Work.

III. Payment for warranty period shall be made to the bidder on quarterly basis at the end of the period. Any penalty levied on the bidder during the period shall be deducted from the payment for that period. However, maximum total penalty for the period shall be limited to 15% of the invoiced amount for that period.

IV. Payment for AMC shall be made to the bidder on quarterly basis at the end of the period. Any penalty levied on the bidder during that period shall be deducted from the payment for that period. However, maximum total penalty for the period shall be limited to 15% of the invoiced amount for that period.

V. The Performance Security Deposit/ bank guarantee will be refunded to the Contractor after satisfactory completion of the warranty/AMC period, but a part or whole of which shall be used by the Company in realization of liquidated damages or claims, if any or for adjustment of compensation or loss due to the Company for any reason. This Performance Security Money shall not earn any interest.	
6.0 PENALTY TERMS - I. In case bidder fails to provide maintenance support under warranty / AMC mentioned in warranty / AMC services clauses, within 48 hours from the time of reporting the breakdown, a penalty @ Rs 3000.00 per day will be levied. II. If, for any reason, the bidder fails to provide services / replacement within 3 successive days from the date of reporting, the period of warranty / AMC shall be extended by that many number of days, at no extra cost to OIL, in addition to the above penalty, subject to a maximum of 15% of the total material value (for the warranty period) or a maximum of 15% of the AMC invoice for that period, as applicable.	
7.0 A Layout of The Existing Setup and the Proposed Architecture is attached for reference.	

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions.

Sample authorization letter from OEM
(To be typed on the letterhead of the OEM)

Ref. No_____   Date _____

The Head - Materials
Oil India Limited,
Duliajan-786 602
Sir,
Sub: Authorisation Certificate
Ref: Your tender enquiry No._____   Dated _____.

We hereby authorize M/s_____ to quote, supply, install, commission, provide onsite warranty support, AMC for the above tender, on our behalf.

This certificate is valid up to _____ (66 months from the date of submission of offer).

Yours faithfully,
For (type name of the firm here)

Signature of Authorized Signatory
Name :
Designation :
Phone No.
Place :
Date :

_____

Sample undertaking of authenticity letter from OEM
(To be typed on the letterhead of the Issuing Company)

Ref. No_____   Date _____

The Head (Materials)
Oil India Limited,
Duliajan-786 602

Sir,

Sub: Undertaking of authenticity of IT Hardware/Software supply

Ref: Your tender enquiry No._____   Dated _____.

With reference to the products being quoted to you vide our quotation No. .... cited above, we hereby undertake that all the components/ parts/ assembly/ software used in the products under the above shall be original, new components/ parts/ assembly only, from respective OEMs of the products and that no refurbished/ duplicate/ second hand components/ parts/ assembly/ software, are being used or shall be used.

In case of default and we are unable to comply with above at the time of delivery or during installation, for the IT Hardware/ Software billed, we agree to take back the products without demur, if already supplied and return the money, if any, paid to us by you in this regard.

We also take full responsibility of both Parts & Service SLA as per the content, even if there is any defect by our authorized Service Centre/ Reseller/SI, etc.

Yours faithfully,
For (type name of the firm here)

Signature of Authorised Signatory
Name :
Designation :
Phone No.
Place :
Date :
(Affix Seal of the Organization here)

BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

The following BRC/BEC will govern the evaluation of the bids received against this tender. Bids that do not comply with stipulated BRC/BEC in full will be treated as non responsive and such bids shall prima-facie be rejected. Bid evaluation will be done only for those bids that pass through the "Bid Rejection Criteria" as stipulated in this document.

Other terms and conditions of the enquiry shall be as per General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. However, if any of the Clauses of the Bid Rejection Criteria / Bid Evaluation Criteria (BRC / BEC) contradict the Clauses of the tender or MM/LOCAL/E-01/2005 elsewhere, those in the BRC / BEC shall prevail.

Criteria	**Complied / Not Complied. (Remarks if any)**
1.0 BID REJECTION CRITERIA (BRC): The bid shall conform generally to the specifications and terms and conditions given in this document. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected. **A) TECHNICAL:** 1. The bidder should provide documentary evidence of supplying similar products & services for the past 3 years , failing which their offer will be rejected. Acceptable documents will include completion certificates / Purchase Order Copy long with invoice copy / pay Receipt document etc. from the customers. Self certifications will not be accepted. 2. The Bidder should be ISO 9001:2000 or higher certified for providing Hardware & software-based Solutions. Documentary evidence for the above has to be submitted with the Bid, failing which their offer will be rejected. 3. Bid(s) which do not complying with Delivery, installation & commissioning, warranty, AMC, penalty clauses will be rejected. 4. The bidder should quote for all the items mentioned in the tender, failing which their offer will be rejected. **B) COMMERCIAL:** i). Bids are invited under "Single Stage Two Bid System". Bidders have to submit both the "Techno-commercial Unpriced Bids" and "Priced Bids" through electronic form in the OIL's e-Tender portal within the bid Closing date and time stipulated in the e-tender. The Techno-commercial	

Unpriced bid is to be submitted as per scope of works and Technical specification of the tender and the priced bid as per the online Commercial bid format. For details of submission procedure, please refer relevant para of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. Any offer not complying with the above shall be rejected straightway.

ii). Bid security:
Bid security of **Rs 2,29,000.00** shall be submitted manually in sealed envelope superscribed with Tender no. and Bid Closing date to Head Materials, Materials Department, Oil India Limited, Duliajan- 786602, Assam on or before the Bid Closing Date and Time mentioned in the Tender. <u>If bid security in ORIGINAL of above mentioned amount is not received within bid closing date and time , the bid submitted through electronic form will be rejected without any further consideration.</u> For exemption for submission of Bid Security, please refer Clause No. 8.8 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders. **The Bid Security shall be valid for 10 months from the date of bid opening.**

iii). Performance Security:

The successful Bidder will have to provide Performance Security as below:

a) 1st Performance Security @ 10% of total value of the materials shall be submitted after receipt of order. The Performance Security shall be valid for entire period of warranty of 3 years from the date of commissioning.

b) 2nd Performance Security @ 10% of AMC value shall be submitted before expiry of 1st Performance Security. The Performance Security shall be valid for entire period of AMC of 2 years.

<u>The validity requirement of Performance Security is assuming despatch within stipulated delivery period and confirmation to all terms and conditions of order. In case of any delay in despatch or non-confirmation to all terms and conditions of order, validity of the Performance Security is to be extended suitably as advised by OIL.</u>

For exemption for submission of Performance Security, please refer Clause No. 9.12 of General Terms and Conditions vide MM/LOCAL/E-01/2005 for E-Procurement LCB Tenders.

iv). *The Bank Guarantee should be allowed to be encashed at all branches within India.*

v). Validity of the bid shall be minimum 120 days from the Bid Closing Date.

vi). The prices offered will have to be firm through delivery and not subject to variation on any account. A bid submitted with an adjustable price will

be treated as non-responsive and rejected.

vii). Bids received after the bid closing date and time will be rejected. Similarly, modifications to bids received after the bid closing date & time will not be considered.

viii). All the Bids must be Digitally Signed using "Class 3" digital certificate with Organisation's name *(e-commerce application)* as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India. The bid signed using other than "Class 3 with Organisation's Name" digital certificate, will be rejected.

ix). Technical RFx Response folder is meant for Technical bid only. Therefore, No price should be given in Technical RFx Response folder, otherwise the offer will be rejected.

x). Price should be maintained in the "online price schedule" only. The price submitted other than the "online price schedule" shall not be considered.

xi). Integrity Pact :

OIL shall be entering into an Integrity Pact with the bidders as per format enclosed vide Annexure DDD of the tender document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the bidder (along with the technical bid) duly signed (digitally) by the same signatory who signed the bid, i.e., who is duly authorized to sign the bid. **Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the bidder shall be rejected straightway.** Uploading the Integrity Pact with digital signature will be construed that all pages of the Integrity Pact has been signed by the bidder's authorized signatory who sign the Bid.

2.0 BID EVALUATION CRITERIA (BEC)

The bids conforming to the technical specifications, terms and conditions stipulated in the tender and considered to be responsive after subjecting to the Bid Rejection Criteria as well as verification of original of any or all documents/ documentary evidences pertaining to BRC, will be considered for further evaluation as per the Bid Evaluation Criteria given below.

A) TECHNICAL:

1. The bids conforming to the technical specifications will be considered for further evaluation as per the Bid evaluation criteria after subjecting to the Bid rejection criteria as given below.

2. For evaluation of bids, the total cost including Hardware, software, installation and commissioning, comprehensive warranty (3 years), AMC (2 years), charges for Implementation & Integration shall be considered.

3. All Servers (UNIX Servers, 2-Way Blade Servers, NAS Server), Chassis, Rack, Storage should be of the same OEM.

B) COMMERCIAL:

i).   To evaluate the inter-se-ranking of the offers, Assam Entry Tax on purchase value will be loaded as per prevailing Govt. of Assam guidelines as applicable on bid closing date. Bidders may check this with the appropriate authority while submitting their offer.

ii).   To ascertain the substantial responsiveness of the bid OIL reserves the right to ask the bidder for clarification in respect of clauses covered under BRC also and such clarifications fulfilling the BRC clauses in toto must be received on or before the deadline given by the company, failing which the offer will be summarily rejected.

iii)   Priced bids of only those bidders will be opened whose offers are found technically acceptable. The technically acceptable bidders will be informed before opening of the "priced bid".

NOTE:

Bidders should submit their bids (preferably in tabular form) explicitly mentioning compliance / non compliance to all the NIT terms and conditions.

-----xxxx-----

Oracle 10g DB Servers (AIX)

DB1   DB2

Oracle 11G Appl. Servers (Windows 2008R2)

File server (Enterprise Linux)

Existing Ethernet Network

Web Servers , Windows 2003 R2

Existing Set Up

Existing Ethernet network

Blade Chassis

DB1 | DB2 | DB3 | BLADE1 | BLADE2 | BLADE3 | BLADE4

SAN Network

SAN Storage

NAS BOX

Existing Backup Solution

Proposed Set Up

Others

NAS Box

SAN Storage

To be connected to the existing Backup Solution

No Virtualization Required

Virtualization Required

DB 1 **DB 2**

Unix DB Servers
Clustered in Active Passive Mode

BLade1 **BLade2** **BLade3** **BLade4**

DB 3

A Normal UNIX DB Server

Virtualized into 8 servers
[2 Application Servers
4 Webservers
2 Kept for future Use]

Proposed Set Up

<u>**Annexure- DDD**</u>

<u>**INTEGRITY PACT**</u>

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder)   hereinafter referred to as "The Bidder/Contractor"

<u>**Preamble :**</u>

The Principal intends to award, under laid down organizational procedures, contract/s for Tender No. SDI9738P14 The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organisation "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1 - Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-

   1.   No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

   2.   The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.

   3.   The Principal will exclude from the process all known prejudiced persons.

 (2)   If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a Page 2 of 6 substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section 2 - Commitments of the Bidder/Contractor

(1)   The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

    1.   The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

    2.   The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.

    3.   The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

    4.   The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2)   The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 - Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1.   If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.

2.   The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and

undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3.   If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4.   A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

Section 4 - Compensation for Damages

1.   If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.

2.   If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

3.   The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 - Previous transgression

1.   The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2.   If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section 6 - Equal treatment of all Bidders/Contractor/Subcontractors

1.   The Bidder/Contractor undertakes to demand form all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2.   The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 - Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section 8 - External Independent Monitor/Monitors
(three in number depending on the size of the contract)
(to be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also

transmit this information directly to the Central Vigilance Commissioner, Government of India.

8.   The word 'Monitor' would include both singular and plural.

Section 9 - Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section 10 - Other provisions

1.   This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.

2.   Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3.   If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4.   Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive   to come to an agreement to their original intensions.

 TUHIN ROY
SR PURCHASE OFFICER
--------------------------   ----------------------------------
For the Principal   For the Bidder/Contractor

Place: Duliajan   Witness 1 :

Date: 03.05.13   Witness 2 : .

Tender No.	
Bidders Name	

Bidders Response   Sheet

Sl No.	Description	Remarks
1	Name of Bidder	
2	Whether tender document purchased from OIL's offices.	
3	Place of Despatch	
4	Whether Freight charges have been included in your quoted prices	
5	Whether Insurance charges have been included in your quoted prices	
6	Make of quoted Product	
7	Offered Validity of Bid as per NIT	
8	Delivery Period in weeks from placement of order	
9	Complied to Standard Payment Terms of OIL or not.	
10	Bid Security Submitted (if applicable)	
11	Details of Bid Security Submitted to OIL (if applicable)	
	a) Bid Security Amount (In Rs):	
	b) Bid Security Valid upto:	
	c) Name and Full Address of Issuing Bank:	
12	Bid Security if Not submitted reasons thereof	
13	Whether you shall submit Performance Security in the event of placement of order on you (if applicable)	
14	Integrity Pact Submitted (if applicable)	
15	Whether submitted documents in support of General Qualification criteria of NIT	
16	If bidder is Small scale unit whether you have quoted your own product	
17	If bidder is Small scale unit whether you are eligible for purchase preference (as per Govt guideliness)	
18	Whether filled up the bank details for online payment as per Annexure GGG	

NOTE: Please fill up the greyed cells only.

Tender No.	
Bidder's Name :	

		Compliance by Bidder	
SL. NO.	BEC / TENDER REQUIREMENTS	Indicate 'Confirmed' / 'Not Confirmed' / Not applicable	Indicate Corresponding page ref. of unpriced bid or Comments
1	Bidder to confirm that he has not taken any exception/deviations to the bid document .		
2	Confirm that the product offered strictly conform to the technical specifications.		
3	Confirm that the Offer has been made with Bid Bond / Bank Guarantee / Earnest Money along with the offer (Wherever Applicable) ?		
4	Confirm unconditional validity of the bid for 120 days from the date of opening of techno-commercial bid.		
5	Confirm that the prices offered are firm and / or without any qualifications?		
6	Confirm that all relevant fields in the on-line biding format been filled in by the bidders for the items quoted by them.		
7	Confirm that the the price bid is in conformity with OIL's online bidding format ?		
8	Confirm that the Bid comply with all the terms & conditions ?		
9	Confirm that the offers and all attached documents are digitally signed using digital signatures issued by an acceptable Certifying Authority (CA) as per Indian IT Act 2000.		
10	CONFIRM THAT YOU HAVE SUBMITTED THE DULY SIGNED INTEGRITY PACT DOCUMENT (Wherever Applicable)		
11	CONFIRM THAT YOU HAVE SHALL SUBMIT PERFORMANCE BANK GUARANTEE AS PER NIT IN THE EVENT OF PLACEMENT OF ORDER ON YOU (Wherever Applicable)		
12	CONFIRM THAT YOU HAVE SUBMITTED DOCUMENTS AS PER GENERAL QUALIFICATION CRITERIA		

NOTE: Please fill up the greyed cells only.

(TO BE FILLED UP BY ALL THE VENDOR IN THEIR OWN LETER HEAD)
(ALL FIELDS ARE MANDATORY)

Tender No.   :...

Name of Beneficiary   :M/s...

Vendor Code   :...

Address   :...

....

Phone No. (Land Line)   :...

Mobile No.   :...

E-mail address   :...

Bank Account No. (Minimum

Eleven Digit No.)   :...

Bank Name   :...

Branch   :...

Complete Address of your   :...

Bank   :...

IFSC Code of your Bank

    a) **RTGS**   :...

    b) **NEFT**   :...

PAN   :...

VAT Registration No.   :...

CST Registration No.   :...

Service Tax Registration No.   :...

Provident Fund Registration   :...

I/We confirm and agree that all payments due to me/us from Oil India Limited can be remitted to our above mentioned account directly and we shall not hold Oil India Limited responsible if the amount due from Oil India Limited is remitted to wrong account due to incorrect details furnished by us.

                                           ....

               Office Seal   **Signature of Vendor**

        Counter Signed by Banker:
        Seal of Bank:

Enclosure: Self attested photocopies of the following documents-

    1) **PAN Card**
    2) **VAT Registration Certificate**
    3) **Service Tax Registration**
    4) **CST Registration**
    5) **Provident Registration Certificate**
    6) **Cancelled cheque of the bank account mentioned above (in original).**
    7) **Bank Statement not older than 15 days on the date of submission.**